

Capacity & Utilisation Planner

Water, RO & Sanitation

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This guide explains what the tool produces, how to use the output, and what to watch for. The actual output (draft/report) is generated on the tool page.

Background

Helps right-size plant capacity against realistic demand and utilisation — matching investment to the market and phasing expansion — so you neither under-serve nor over-invest. Use it to decide plant size.

Purpose of this tool & output

Right-size capacity to demand

How the output is used

Use it to right-size capacity to demand — a capacity and utilisation planner that avoids under- and over-building.

Important cautions

Capacity should follow validated demand, not optimism; low utilisation is the main killer of water-plant economics. Validate demand and start conservatively with expansion headroom.

Companion documents

- Water Plant Setup Plan
- Treatment Process Designer
- Plant Machinery Selection Guide
- In-House Laboratory Setup Guide
- Plant Layout & Hygiene Design
- Plant Utilities & Power Plan

This is AI-assisted guidance. Verify with a qualified professional before any binding decision. Fees, authorities and processes vary by state and change over time — confirm with your state authority.